

JOURNAL OF LOW TEMPERATURE PHYSICS

Volume 60, 1985

The *Journal of Low Temperature Physics* is an international medium for the publication of original papers on fundamental theoretical and experimental research in low temperature physics. Typical subject areas are:

- Properties of Fermi and Bose systems, especially in the condensed phases, and of the hydrogen and helium isotopes;
- Superfluidity and the properties of quantum fluids and solids;
- Properties of isotopic mixtures at low temperatures;
- Superconductivity;
- Phase transitions at low temperatures;
- Thermal properties, thermodynamics, and statistical mechanics of low temperature phenomena;
- Lattice dynamics, phonon phenomena, acoustic, mechanical, and optical properties of substances at low temperatures;
- Electronic properties of metals, semiconductors, and alloys including Fermi surfaces, oscillatory phenomena, magnetoelectrical effects, acoustic properties, and transport phenomena at low temperatures;
- Magnetism at low temperatures including paramagnetic, ferromagnetic, and antiferromagnetic properties and including the behaviour of dilute alloys and nuclear spin systems;
- Surface phenomena at low temperatures.

Occasionally review articles will be included. No papers solely of a technical or applied nature will be accepted.

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Vol. 59, Nos. 1/2

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CONTENTS

Time Correlation Functions and Transport Coefficients in a Dilute Superfluid <i>T. R. Kirkpatrick and J. R. Dorfman</i>	1
On Phonon Structure in Proximity Tunnel Junctions <i>H. G. Zarate and J. P. Carbotte</i>	19
Thermal Conductivity of Grafoil from 0.2 to 3 K <i>L. D. Dillon, R. E. Rapp, and O. E. Vilches</i>	35
Measurements of the Nuclear Spin-Lattice Relaxation Times in BCC ^3He for High Magnetic Fields, High Molar Volumes, and Low Temperatures <i>M. Chapellier, M. Bassou, M. Devoret, J. M. Delrieu, and N. S. Sullivan</i>	45
Magnetoresistance Effect of Bismuth in a Quantizing Field <i>Chhi-Chong Wu and Chau-Jy Lin</i>	83
Anderson Localization and Superconductivity <i>L. N. Bulaevskii and M. V. Sadovskii</i>	89
Pitfalls of the Relaxation Time Approximation: Hydrodynamic Sound in a Multi- component Fermi Liquid <i>Sandra M. Troian and N. D. Mermin</i>	115
A Microscopic Approach to Finite-Size Effects in Sintered Metallic Powders <i>C. J. Lambert</i>	123
Effect of Zone Boundaries on the Pressure Dependence of the Superconducting Transition Temperature of Aluminum <i>Harjeet Kaur and Sushil Auluck</i>	135
Superconducting Tunneling without the Tunneling Hamiltonian <i>Gerald B. Arnold</i>	143
Suppression of Spin Fluctuations by Alloying in UPt_3 <i>G. R. Stewart and A. L. Giorgi</i>	185
Erratum: Theory of a Polarized Fermi Liquid in Two Dimensions: Spin Diffusion <i>K. Miyake and W. J. Mullin</i>	191

